

Y. Izumi, et al.
U.S.S.N.: 08/468,649
Page 5

Page 48, line 19, delete "deflecting" after "the" and insert therefor --polarizing--.

Page 49, lines 9 and 15, delete "deflecting" after "the" and insert therefor --polarizing--.

Page 57, lines 5, 8, 20 and 23, delete "deflecting" after "the" and insert therefor --polarizing--.

Page 59, line 16, delete "deflecting" after "the" and insert therefor --polarizing--.

In the Drawings:

Substitute Figs. 8(a) and 8(b) are submitted herewith having changes in red for the Examiner's approval.

In the Abstract:

Please amend the abstract as follows:

Line 4, delete "deflecting" after "two" and insert therefor --polarizing--.

Line 7, delete "deflecting" after "their" and insert therefor --polarizing--.

In the claims:

Please cancel claim 3 without prejudice.

Please amend claims 1, 4, 5, 8, 11, 15, 20, 25, 28, 31, 34, 37, 43 and 45 as follows:

1. (Thrice Amended) A liquid crystal display comprising:

a plurality of interconnected liquid crystal panels connected to each other adjacently on a single surface, each liquid crystal panel including a respective pixel electrode to form a liquid crystal display main body;

a first [deflecting] polarizing element provided on substantially an entire front surface of said liquid crystal display main body, said first [deflecting] polarizing element having a first [deflecting] polarizing axis; and

a second [deflecting] polarizing element provided on substantially an entire rear surface of said liquid crystal display main body, said second [deflecting] polarizing element having a second [deflecting] polarizing axis, said first and second [deflecting] polarizing axes intersecting at right angles wherein lack of electrical interconnection between said plurality of liquid crystal panels facilitates minimizing spacing therebetween and configuration of said first [deflecting] polarizing element and said second [deflecting] polarizing element renders any spacing less noticeable;

said display further including a photo blocking film disposed perpendicular to said display and configured to substantially block diagonal incident light.

4. (Twice Amended) A liquid crystal display comprising:

a liquid crystal display main body comprising a plurality of liquid crystal panels connected to each other adjacently on a single surface, each liquid crystal display panel including a respective pixel electrode;

said display further including a photo blocking film disposed perpendicular to said display and configured to substantially block diagonal incident light;

a first photo-blocking film which covers a circumference of each pixel electrode in a predetermined trace width; and

a third photo-blocking film provided in connected parts of said plurality of liquid crystal panels to fill spaces of said connected parts.

5. (Amended) [The liquid crystal display of Claim 3, wherein]

A liquid crystal display comprising:

a plurality of interconnected liquid crystal panels connected to each other adjacently on a single surface, each liquid crystal panel including a respective pixel electrode to form a liquid crystal display main body;

a first polarizing element provided on substantially an entire front surface of said liquid crystal display main body, said first polarizing element having a first polarizing axis; and

a second polarizing element provided on substantially an entire rear surface of said liquid crystal display main body, said second polarizing element having a second polarizing axis, said

first and second polarizing axes intersecting at right angles wherein lack of electrical interconnection between said plurality of liquid crystal panels facilitates minimizing spacing therebetween and configuration of said first polarizing element and said second polarizing element renders any spacing less noticeable; said display further including a photo blocking film disposed perpendicular to said display and configured to substantially block diagonal incident light; and

a width d of said [second] photo-blocking film satisfies $|d| \leq c / \tan(\sin^{-1}(1/n))$, where d is a width of said [second] photo-blocking film from an end point where [said] a first photo-blocking film is formed on [the] an end surface of [the] a connected part side of said liquid crystal panels to a main surface of said liquid crystal panels, c is a trace width of [said] a first photo-blocking film at [the] an end surface of the connected part side of said liquid crystal panels, and n is a refraction factor of substrates forming each liquid crystal panel.

8. (Amended) The liquid crystal display of Claim [3] 1 further comprising a refraction factor adjusting material having a same refraction factor of panel substrates forming each liquid crystal panel, said refraction factor adjusting material being filled in the connected parts of said liquid crystal panels.

11. (Twice Amended) The liquid crystal display of Claim [3] 1, wherein each of said liquid crystal display panels is made of at least one active element in a matrix.

15. (Amended) The liquid crystal display of Claim [3] 1, wherein each of said liquid crystal panels includes panel substrates laminated by means of a seal material made of an ultraviolet-ray-setting resin.

20. (Amended) The liquid crystal display of Claim [3] 1, wherein each of said liquid crystal panels includes panel substrates laminated by means of a seal material made of a combination of thermosetting and ultraviolet-ray-setting resin.

25. (Amended) The liquid crystal display of Claim [3] 1, wherein said plurality of liquid crystal panels are placed on a single plane of a single substrate so as to be connected to each other adjacently.

28. (Amended) The liquid crystal display of Claim [3] 1, wherein said plurality of liquid crystal panels are placed on a single plane between two substrates so as to be connected to each other adjacently.

31. (Twice Amended) The liquid crystal display of Claim [3] 1, wherein a trace width of connected parts of said liquid crystal panels is substantially equal to a trace width of said first photo-blocking film.

34. (Amended) The liquid crystal display of Claim [3] 1, wherein said first photo-blocking film is made of a photo-absorbing film which absorbs light.

37. (Amended) The liquid crystal display of Claim [3] 1, [wherein said] further comprising a first photo-blocking film [is] made of a layered film made of a metal film and a photo-absorbing film which absorbs light.

43. (Thrice Amended) A liquid crystal display [comprising] device of Claim 4, wherein

[a liquid crystal display main body comprising a plurality of liquid crystal panels connected to each other adjacently on a single surface, each liquid crystal display panel including a respective pixel electrode;

said display further including a photo blocking film disposed perpendicular to said display and configured to substantially block diagonal incident light;

a first photo-blocking film which covers a circumference of each pixel electrode in a predetermined trace width; and] said

[a] third photo-blocking film is made of an elastic photo absorbing material.

45. (Amended) [The liquid crystal display of Claim 43,]

A liquid crystal display comprising:

a plurality of liquid crystal panels connected to each other adjacently on a single surface, each liquid crystal display panel including a respective pixel electrode;

said display further including a photo blocking film disposed perpendicular to said display and configured to substantially block diagonal incident light;

a first photo-blocking film which covers a circumference of each pixel electrode in a predetermined trace width; and

a third photo-blocking film provided in connected parts of said plurality of liquid crystal panels to fill spaces of said connected parts;

said third photo-blocking film is made of an elastic photo-absorbing material;

wherein said elastic photo-absorbing material has an elastic coefficient known as Young's coefficient of $10^4 - 10^8$ N/m².

Please add new claims 48-51 as follows:

48. (New) A liquid crystal display comprising:

a plurality of interconnected liquid crystal panels connected to each other adjacently on a single surface, each liquid crystal panel including a respective pixel electrode to form a liquid crystal display main body;

a first polarizing element provided on substantially an entire front surface of said liquid crystal display main body, said first polarizing element having a first polarizing axis; and

a second polarizing element provided on substantially an entire rear surface of said liquid crystal display main body, said second polarizing element having a second polarizing axis, said first and second polarizing axes intersecting at right angles wherein lack of electrical interconnection between said plurality of liquid crystal panels facilitates minimizing spacing therebetween and configuration of said first polarizing element and said second polarizing element renders any spacing less noticeable;

said display further including a photo blocking film disposed perpendicular to said display and configured to substantially block diagonal incident light; and

said liquid crystal panels including panel substrates laminated by means of a seal material made of an ultraviolet-ray-setting resin.

49. (New) A liquid crystal display comprising:

a plurality of interconnected liquid crystal panels connected to each other adjacently on a single surface, each liquid crystal

panel including a respective pixel electrode to form a liquid crystal display main body;

a first polarizing element provided on substantially an entire front surface of said liquid crystal display main body, said first polarizing element having a first polarizing axis; and

a second polarizing element provided on substantially an entire rear surface of said liquid crystal display main body, said second polarizing element having a second polarizing axis, said first and second polarizing axes intersecting at right angles wherein lack of electrical interconnection between said plurality of liquid crystal panels facilitates minimizing spacing therebetween and configuration of said first polarizing element and said second polarizing element renders any spacing less noticeable;

said display further including a photo blocking film disposed perpendicular to said display and configured to substantially block diagonal incident light; and

said liquid crystal panels including panel substrates laminated by means of a seal material made of a combination of thermosetting and ultraviolet-ray-setting resin.

50. (New) A liquid crystal display comprising:

a plurality of interconnected liquid crystal panels connected to each other adjacently on a single surface, each liquid crystal panel including a respective pixel electrode to form a liquid crystal display main body;

a first polarizing element provided on substantially an entire front surface of said liquid crystal display main body, said first polarizing element having a first polarizing axis; and

a second polarizing element provided on substantially an entire rear surface of said liquid crystal display main body, said second polarizing element having a second polarizing axis, said first and second polarizing axes intersecting at right angles wherein lack of electrical interconnection between said plurality of liquid crystal panels facilitates minimizing spacing therebetween and configuration of said first polarizing element and said second polarizing element renders any spacing less noticeable;

said display further including a photo blocking film disposed perpendicular to said display and configured to substantially block diagonal incident light; and

said first photo-blocking film is made of a photo-absorbing film which absorbs light.

51. (New) A liquid crystal display comprising:

a plurality of interconnected liquid crystal panels connected to each other adjacently on a single surface, each liquid crystal panel including a respective pixel electrode to form a liquid crystal display main body;

a first polarizing element provided on substantially an entire front surface of said liquid crystal display main body, said first polarizing element having a first polarizing axis; and